

[Document Type]

ABSTRACT

[Abstract]

[Problem to be Solved by the Invention] This invention is intended to eliminate an operation to copy the frame-relay frame, which was written in a memory through a frame transmission processing device, into another area excluding a memory table for the frame data, when a multiprotocol of a frame-relay frame is converted into a multiprotocol of the AAL5 frame.

[Means for Solving the Problem] The frame-relay frame transmission circuit performs retrieval in the connection table and obtains the shift size by which the frame is to be shifted from the top address of a frame buffer. Then, the circuit searches the frame buffer, and transmits the frame buffer address with the shift information to a processor bus interface. The processor bus interface transmits the received frame to the address in the DMA transmission process.

[Selected Drawing] Fig. 3